



BIOCHEMISTRY AND MOLECULAR BIOLOGY

NOTES

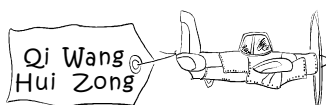
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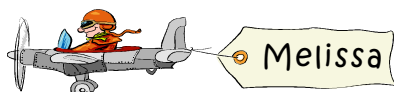


CONGRATULATIONS!

To **Qi Wang** and to **Hui Zong**, each of whom was awarded a travel fellowship by the IUPUI Fellowship Committee for travel and conference expenses.



To **Melissa Green**, awarded a grant for upcoming professional travel by the IU Committee on Institutional Cooperation (CIC) Women in Science and Engineering (WISE).



To **Reuben Njau**, on his first place finish in the "Race for the Cure" on May 15!

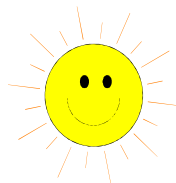


To **Ron Wek** and **Peter Roach**, who were selected first by the graduate students in Biochemistry and subsequently by the Faculty Awards



Committee of IUSM to receive 1998 Teaching Excellence Awards. They were selected because of their sustained dedication to the art and science of teaching, as well as their excellence in the practice of it.

To **John Hawes** and **Reuben Njau**, on being nominated for Glenn W. Irwin, Jr., M.D. Experience Excellence Recognition Awards.



Biochem Students Sweep Sigma Xi Competition

Ten of our students participated in the Sigma Xi Graduate Research competition held in late April. The following were the winning abstracts/presentations:

1st Prize (The Gibson Prize)

- **Nic Steussy**

2nd Prize - Yvonne

Kobayashi

3rd Prize - Britta Jacobsen

Honorable Mention - Kent Hansen

The other Biochem students who participated included **Melissa Limp-Foster**, **Hui Zong**, **Brian Gibbons**, **Donxia Wang**, **Randy Shen**, and **Jie Yang**.

The awards will be presented at Sigma Xi's Spring banquet/reception. Congratulations to all the participants!

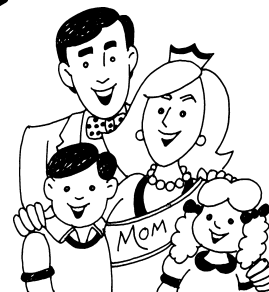


Congratulations to **Qi Wang** and **James Mu** on the birth of their son, Andrew, on Wednesday, April 21. He weighed in at 7 lb, 7 oz. All are doing fine.

NEW FACES IN BIOCHEMISTRY

The Department is pleased to welcome **Ms. Jun Tian**, Research Technician in Maureen Harrington's lab, and **Ms. Falguni Desai**, volunteer worker in Mark Goebel's lab.

WE ♥ MOMS!



MAY SEMINARS

Biochemistry Faculty Seminars Mondays, 4:00 pm, MS B326 (unless otherwise indicated)

5/3 **Dr. Laurie Goodyear**, Assistant Professor of Medicine, Harvard Medical School and Instructor, Joslin Diabetes Center, Boston, MA; **"Intracellular signaling mechanisms regulating glucose uptake and glycogen metabolism in contracting skeletal muscle"**.

5/10 **Dr. Richard Wojcikiewicz**, Associate Professor of Pharmacology, SUNY Health Science Center at Syracuse, NY; **"InsP3 receptors and their degradations via the ubiquitin/proteasome pathway"**.

5/11 **Dongxia Wang**, Graduate Student, Biochemistry & Molecular Biology, IUSM; **"Design and synthesis of peptide ion channels"** 1:00 pm.

5/17 **Dr. Christopher Newgard**, University of Texas Southwestern Medical Center, Dallas, TX; **"Metabolic regulatory mechanisms studied by genetic engineering"**.

5/24 **Dr. Jianzhu Chen**, Assistant Professor of Biology, Massachusetts Institute of Technology; **"Genetic analysis of lymphocyte development and function"**.

Biochemistry Student Seminars Wednesdays, 12 Noon, MS A506

5/5 **Zhongqing Shi**

Biochemistry & Molecular Biology Research Seminar, Thursdays, 12:00 Noon, MS A506/A518

5/6 **Melissa Green**, "Regulation of gene expression by IL-1 and TNF".

5/20 **Xin Zhi**, "Regulation of human ADH6 gene".

Diabetes Seminar, Thursdays, 4:00 pm, MS 311 A/B

5/11 **Mark Deeg**, "Observations and contemplation about GPI-PLD and islet beta cell function".

5/25 **Bob Harris**, "Insulin regulation of glucose oxidation".



*Remember
to vote
May 4*

COMPLIANCE TRAINING

For those who haven't yet attended a compliance training session, the final eight sessions will be held this month: May 6 and 20 (8:00-9:30 am), May 7, 12, 13, 21, and 24 (3:30-5:00 pm), and May 26 (1:00-2:30 pm). All sessions will be in Emerson Auditorium, Room 304.

Attendance is required for all personnel, so be sure you fill out the sign in sheet when you attend.

Other Seminars of Interest

5/5 **4:00 p.m.** Signal Transduction by Stress-Activated MAP Kinases. **Roger J. Davis, Ph.D.**, Howard Hughes Medical Center, University of Massachusetts; Worcester, MA. Cancer Research Institute Auditorium

5/14 **12:00 noon** Effects of High-Energy Shock Waves on Renal Hemodynamics, Structure and Tubular Function. **Lynn R. Willis, Ph.D.**, Dept. of Pharmacology/Toxicology, IUSM. Medical Science 326.

5/20 **4:00 p.m.** Oral Tolerance: Immune Mechanisms and Characterization of Th3 (TGF- β Secreting) Regulatory Cells. **Howard L. Weiner, M.D.**, Harvard Medical School; Boston, MA. Medical Science 326.

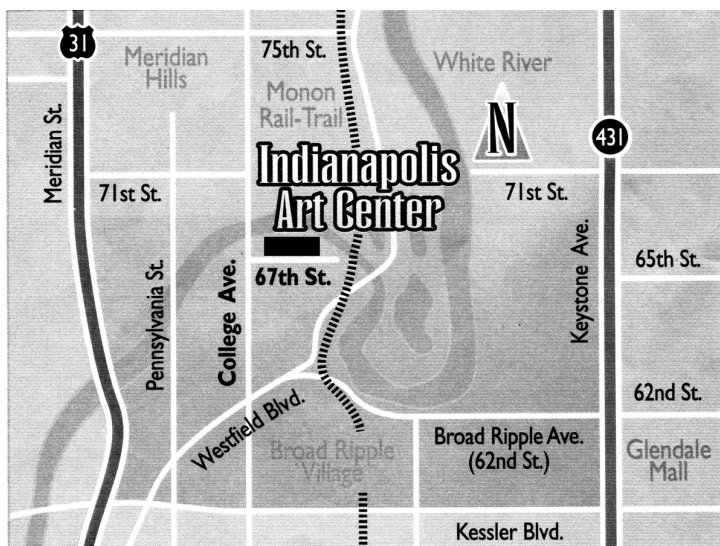
5/27 **4:00 p.m.** Biochemistry of the Inhibition and Activation Mediated by the Ly49 Proteins: A Story of Ying, Yang—Ying? **Daniel W. McVicar, Ph.D.**, National Institutes of Health; Bethesda, MD. Medical Science 326.

Bumper Stickers:

- Change is inevitable, except from a vending machine.
- Be nice to your kids. They'll choose your nursing home.
- A conclusion is where you got tired of thinking.
- Character is what you are in the dark.

IMPORTANT DATES

- 5/1 Exams begin
- 5/7 Semester ends
- 5/9 Commencement
- 5/16-20 ASBMB Meeting,
San Francisco, CA
- 5/31 MEMORIAL DAY
- 6/1 NIH New Research
Grants, FIRST and Career
Dev. Awards, Program
Project & Center Grants
- 6/15 AHA, all grants
- 7/1 NIH competing renewals,
revised grants
- 7/5 INDEPENDENCE DAY
- 8/25 Classes begin
- 9/6 LABOR DAY
- 10/1 NIH New Research
Grants, FIRST and Career
Dev. Awards, Program
Project & Center Grants
- 10/2 Biochem Retreat
- 11/1 NIH competing renewals,
revised grants
- 11/25 THANKSGIVING
- 12/14 Finals begin
- 12/20 Finals end



Now that the Big Move is over, we will resume our annual retreats.

This year the one-day retreat will be held October 2nd at the Indianapolis Art center, located on 67th Street just east of College Avenue (above, left). The right panel shows the layout of the Art Center. We will have our meetings in the auditorium and lunch in the Ruth Lilly Library. The rest of the area contains galleries and exhibits to visit. (Don't worry, we'll give this to you in larger print when we get closer to the retreat.)

RECENT PUBLICATIONS

Amy Lin, James Mu, Jie Yang, and Peter J. Roach (1999) Self-glucosylation of glycogenin, the initiator of glycogen synthesis, involves an inter-subunit reaction. *Arch. Biochem. Biophys.* **363**:163-170.

Robert Hromas, Hal E. Broxmeyer, Chang Kim, Harikrishna Nakshatri, Kent Christopherson, Mohd Azam, and Yong-Hao Hou (1999) Cloning of BRAK, a novel divergent CXC chemokine preferentially expressed in normal versus malignant cells. *Biochem. Biophys. Res. Comm.* **255**:703-706.

Subash Basu, Manju Basu, Sara Dastgheib, and **John W. Hawes** (1999) Biosynthesis and regulation of glycosphingolipids. *Comp. Nat. Prod. Chem.* **3**:107-128.

Osier, M., AJ Pakstis, JR Kidd, JF lee, SJ Yin, HC Ko, **HJ Edenberg**, RB Lu, and KK Kidd (1999) Linkage disequilibrium at the ADH2 and ADH3 loci and risk of alcoholism. *Am J. Hum. Genet.* **64**:1147-1157.

Dipika Gupta, Qiuling Wang, Charles Vinson, and Roman Dziarski, (1999) Bacterial Peptidoglycan Induces CD14-Dependent Activation of Transcription Factors CREB/ATF and AP-1. *J. Biol. Chem.* **274**:14012-14020

